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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/800,111
		Filing Date	March 12, 2004
		First Named Inventor	Mark R. AYRES
		Art Unit	2878
		Examiner Name	T. Lu
Total Number of Pages in This Submission	13	Attorney Docket Number	495812005700

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP (Customer No.: 25226)		
Signature			
Printed name	Christopher B. Eide		
Date	June 22, 2006	Reg. No.	48,375

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Docket No.: 495812005700
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Mark R. AYRES

Application No.: 10/800,111

Confirmation No.: 8922

Filed: March 12, 2004

Art Unit: 2878

For: METHODS FOR MEASURING OPTICAL
CHARACTERISTICS BY DIFFERENTIAL
DIFFRACTIVE SCANNING

Examiner: T. Lu

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This is in response to the non-final Office Action dated March 24, 2006 (Paper No. 03082006), for which a response is due on June 24, 2006. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.